





Practitioner's Docket No. 813-001.028-1

**PATENT** 

02/22/02

Preliminary Classification:

**Proposed Class:** 

Subclass:

NOTE:

"All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129." M.P.E.P. § 601, 7th ed.

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box PATENT APPLICATION P.O. Box 2327 Arlington, VA 22202

#### **NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): George M. Sawyer, Theodore Langevin and Richard Baylis

WARNING: 37 C.F.R.§ 1.41(a)(1) points out:

\*(a) A patent is applied for in the name or names of the actual inventor or inventors.

"(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(I) is filed supplying or changing the name or names of the inventor or inventors."

For (title): IMAGER FEATURING SERVICE STATION ASSEMBLY

FOR SERVICING IMAGER PRINT HEADS

#### CERTIFICATION UNDER 37 C.F.R. § 1.10\*

(Express Mail label number is mandatory) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date, February 22, 2002, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EV 005 525 331 US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Judith R. Schick (type or print name of person-mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(New Application Transmittal [4-1] page 1 of 11)

10/082781 10/082781

, ,		• •
Thi	s n	ew application is for a(n)
		(check one applicable item below)
	Or	iginal (nonprovisional)
	De	esign
	Pla	ant
WARNIN	IG:	"Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. § 37(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.
WARNIN	IG:	Do not use this transmittal for the filing of a provisional application.
NOTE:	AP a	one of the following 3 items apply, then complete and attach ADDED PAGES FOR NEW PLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION PLICATION.
		Divisional Continuation Continuation-in-part (C-I-P)

## 2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designated the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

1. Type of Application

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120,121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 199, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

4.

**WARNING:** When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

### 3. Papers Enclosed

- A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application
- 30 Pages of specification
- 15 Pages of claims
- 13 Sheets of drawings

**WARNING:** 

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).

"Identifying indicia, if provided, should include the application number or the title of the invention, NOTE: inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm (5/8 inch) down from the top of the page . . . " 37 C.F.R. § 1.84(c)).

		(complete the following, if applicable)
		The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
		The enclosed drawing(s) are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. §§ 1.84(a)(2) and 1.84(b).
		formal informal
В.	Oth	er Papers Enclosed
	_Pa	ges of declaration and power of attorney ges of abstract her <u>(title page)</u>
Ad	ditio	nal papers enclosed
	Am	endment to claims
	filin	ncel in this application claimsbefore calculating the g fee. (At least one original independent claim must be retained for filing poses.)

☐ Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)

 $\boxtimes$ 

	Preliminary Amendment				
	Information Disclosure Statement (37 C.F.R. § 1.98)				
	Form PTO-1449 (PTO/SB/08A and 08B)				
	Citations				
	Declaration of Biological Deposit				
	Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence				
	Authorization of Attorney(s) to Accept and Follow Instructions from Representative				
	Special Comments				
	Other				
5. De	claration or oath (including power of attorney)				
NOTE:	A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3).				
NOTE:	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).				
NOTE:	"The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.62, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(I) is filed supplying or changing the name or names of the inventor or inventors." 37 C.F.R. § 1.41(a)(1).				
	Enclosed				
	Executed by				
	(check all applicable boxes)				
	<ul> <li>□ inventor(s).</li> <li>□ legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.</li> <li>□ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.</li> </ul>				
	☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F. R. § 1.47 is also attached. See item 13 below for fee.				
X	Not Enclosed				

NOTE:	Where the filing is a completion in the U.S. of an International Application or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.						
		□ Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).					
(The	decla	ration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).					
		☐ Showing that the filing is authorized.  (not required unless called into question. 37 C.F.R. § 1.41(d))					
6. Inv	/ento	rship Statement					
WARNII		If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.					
The inv	vento	ship for all the claims in this application is:					
	The	same.					
		or					
_							
		the same. An explanation, including the ownership of the various claims e time the last claimed invention was made,					
		is submitted.					
		will be submitted					
7. La	ngua	ge					
NOTE:	An E requi	oplication including a signed oath or declaration may be filed in a language other than English. Inglish translation of the non-English language application and the processing fee of \$130.00 red by 37 C.F.R. § 1.17(k) is required to be filed with the application, or within such time as may set by the Office. 37 C.F.R. § 1.52(d).					
	×	English Non English					
		□ The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).					
8. As	signr	nent					
	X.	An assignment of the invention to					
		☐ is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.  ☑ will follow.					
NOTE:	"If al applic	a assignment is submitted with a new application, send two separate letters-one for the cation and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).					

WARNII	NG:						.73(b)" must be filed when a f April 30, 1993, 1150 OG 62-64.
						tion and the iled on	assignment document for
							Reel
							Frame
9. Ce	rtifie	d Copy					
Ce	ertifie	d copy(ies	) of applic	cation(s)			
Co	untry	,			Appln. No	).	Filed
Co	untry	Ī			Appln. No	).	Filed
from w	hich	priority is o	claimed:				
		is (are) at will follow					
NOTE:	decl This U.S. § 12 PAG APP	aration. 37 C item is for a application o 0 is itself ent ES FOR LICATION(S	C.F.R. § 1.50 iny foreign por Internation littled to prion NEW API S) CLAIMED	5(a) and 1.63 priority for whonal Application rity from a pri PLICATION	nich the app on from whi for foreign a	plication being file the this application application, then c	ust be referred to in the oath or ed directly relates. If any parent in claims benefit under 35 U.S.C. complete item 18 on the ADDED BENEFIT OF PRIOR U.S.
	e Ca	l <b>culation</b> ( Regu	lar applic				
				CLAIN	/IS AS FI	LED	
Numbe	er file	d		Number	Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$740.00
Total C (37 C.F		s 3 1.16(c))	-20 =	0	x	\$ 18.00 =	
		t Claims 1.16(b))	-3 =	0	×	\$ 84.00 =	
		endent cla .F.R. § 1.			+	\$280.00	
		Amendme	ent deletir		-depende	enclosed. encies is enclo at this time.	osed.
NOTE:	ame	ndment, prio	r to the exp		time perio	d set for respons	aid or the claims canceled by e by the Patent and Trademark
		Filing	Fee Calo	culation			\$
						(New Application	Transmittal [4-1] page 6 of 11)

В.		Design applica (\$330.00 – 37	ation C.F.R. § 1.16(f))		
			Filing Fee Calculation	\$	
C.		Plant application	_		
			C.F.R. § 1.16(g))		
		•	Filing Fee Calculation	\$	
11. Small	Enti	ty Statement(s			
			•	nder 37 C.F.R. §§ 1.9 and 1.27	
		attached.	<b>3</b> , = , ,	00	
WARNING:	WARNING: "Status as a small entity must be specifically established in each application or patent in which the status is available and desired. Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. The refiling of an application under § 1.53 as a continuation, division, or continuation-in-part (including a continued prosecution application under § 1.53(d)), or the filing of a reissue application requires a new determination as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional application claiming benefit under 35 U.S.C. § 119(e), 120, 121, or 365(c) of a prior application, or a reissue application may rely on a statement filed in the prior application or in the patent if the nonprovisional application or the reissue application includes a reference to the statement in the prior application or in the patent or includes a copy of the statement in the prior application or in the patent and status as a small entity is still proper and desired. The payment of the small entity basic statutory filing fee will be				
WARNING:	warning: "Small entity status must not be established when the person or persons signing the statement can unequivocally make the required self-certification." M.P.E.P., § 509.03, 6 <sup>th</sup> ed., rev. 2, July 1996 (emphasis added).				
	(complete the following, if applicable)				
	☐ Status as a small entity was claimed in prior application				
		penent is pend	g claimed for this application		
		35 U.S.C.	§ □ 119(e), □ 120, □ 121, □ 365(c), status as a small entity is stil		
		35 U.S.C.	§ □ 119(e), □ 120, □ 121, □ 365(c),	II proper and desired.	
		35 U.S.C.  and which  □ A copy	§ □ 119(e), □ 120, □ 121, □ 365(c), status as a small entity is stil	Il proper and desired.	
		35 U.S.C.  and which  □ A copy	<ul> <li>§ □ 119(e),</li> <li>□ 120,</li> <li>□ 121,</li> <li>□ 365(c),</li> <li>status as a small entity is still</li> <li>y of the statement in the prior</li> </ul>	Il proper and desired.  application is included.  nor C above)	
		35 U.S.C.  and which  □ A copy	<ul> <li>§ □ 119(e),</li> <li>□ 120,</li> <li>□ 121,</li> <li>□ 365(c),</li> <li>status as a small entity is still y of the statement in the prior</li> <li>Fee Calculation (50% of A, B</li> </ul>	Il proper and desired.  application is included.  nor C above)	
fi	iled w	35 U.S.C.  and which  □ A copy  Filing I	§ □ 119(e), □ 120, □ 121, □ 365(c), status as a small entity is still a statement in the prior Fee Calculation (50% of A, B) \$	Il proper and desired.  application is included.  nor C above)	
fi e	iled w extend	and which  □ A copy  Filing F  cess of the full fee fithin 2 months of to table under § 1.136.	\$ □ 119(e), □ 120, □ 121, □ 365(c), status as a small entity is still y of the statement in the prior Fee Calculation (50% of A, B  \$  paid will be refunded if a small entity the date of timely payment of a fu	Il proper and desired.  application is included.  b, or C above)  ty statement and a refund request are all fee. The two-month period is not	
fi e	iled w extend	and which  □ A copy  Filing F  cess of the full fee fithin 2 months of to table under § 1.136.	§ □ 119(e), □ 120, □ 121, □ 365(c), status as a small entity is still y of the statement in the prior Fee Calculation (50% of A, B  \$  paid will be refunded if a small entity the date of timely payment of a full is 37 C.F.R. § 1.28(a).	Il proper and desired.  application is included.  b, or C above)  ty statement and a refund request are all fee. The two-month period is not	
fie 12. Reque □ Ple	iled wextenders to the state of	and which  A copy Filing If  cess of the full fee ithin 2 months of I lable under § 1.136.  International prepare an inte	§ ☐ 119(e), ☐ 120, ☐ 121, ☐ 365(c), status as a small entity is still y of the statement in the prior Fee Calculation (50% of A, B  \$  paid will be refunded if a small entity the date of timely payment of a full 5.37 C.F.R. § 1.28(a).  1-Type Search (37 C.F.R. § 1 (complete, if applicable)	Il proper and desired.  application is included.  B, or C above)  ty statement and a refund request are all fee. The two-month period is not  1.104(d))  for this application at the time	

# 13. Fee Payment Being Made at This Time

X	Not	Enclosed			
	X	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can subsequently.)	n be paid		
	End	closed			
		Filing fee	\$		
		Recording assignment (\$40.00 – 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$		
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached.  (\$130.00 – 37 C.F.R. §§ 1.47 and 1.17(i))	\$		
٠,٠		For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$		
		Processing and retention fee (\$130.00, 37 C.F.R. §§ 1.52(d) and 1.21(l))	\$		
		Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$		
NOTE:	for fa to 3 appli	C.F.R. § 1.21(I) establishes a fee for processing and retaining any application in the second section of the second section of the second section of the sec	s well as the changes enefit of a prior U.S.		
	Tota	al fees enclosed	\$		
14. Me	thod	of Payment of Fees			
	Atta	ched is a  check  money order in the amount of			
	Authorization if hereby made to charge the amount of \$				
		to Deposit Account No			
		to credit card as shown on the attached credit card informauthorization form PTO-2038	mation		
		arge any additional fees required by this paper or credit any commanner authorized above. A duplicate of this transmittal is a	• •		
NOTE:		s should be itemized in such a manner that it is clear for which purpose in S. § 1.22(b).	the fees are paid. 37		

## 15. Authorization to Charge Additional Fees

change is to another small entity.

If no fees are to be paid on filing, the following items should not be completed. **WARNING: WARNING:** Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized. ☐ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. ☐ 37 C.F.R. § 1.16(a), (f), or (g) (filing fees) □ 37 C.F.R. § 1.16(b), (c), and (d) (presentation of extra claims) Because additional fees for excess or multiple dependent claims not paid on filing or on later NOTE: presentation must only be paid or these claims canceled by amendment prior to the expiration of the time period set for response by the P.T.O. in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the P.T.O. to charge additional claim fees, except possibly when dealing with amendments after final action. □ 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application) ☐ 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)) ☐ 37 C.F.R. § 1.17 (application processing fees) WARNING: "...A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3). 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b)) Where an authorization to charge the issue fee to a deposit account has been filed before the mailing NOTE: of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the Notice of Allowance. 37 C.F.R. § 1.311(b). NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . issue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be

made even if the fee is paid as "other than a small entity" and (b) no notification is required if the

## 16. Instructions as to Overpayment

NOTE:	"Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).				
		Credit Account No			
		Refund			
			, .		
			11111		
Date:	Feb	ruary 22, 2002	Wit park		
Reg. N	o. ;	32.720	SIGNATURE OF PRACTITIONER		
•		)3) 261-1234	William J. Barber, Esq.		
101.110	. ,=-	70, 201 1204			
			(type or print name of practitioner		
			Ware, Fressola, Van Der Sluys  & Adolphson, LLP		
			P.O. (Correspondence) Address		
			Building Five, Bradford Green		

Customer No. 004955

755 Main Street, P.O. Box 224

Monroe, CT 06468

# Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.)

X	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
	Number of pages added5
	Plus Added Pages for Papers Referred to in Item 4 Above
	Number of pages added
	Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
	Number of pages added
	Plus "Assignment Cover Letter Accompanying New Application"
	Number of pages added
Sta	tement Where No Further Pages Added
	(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.
	This transmittal ends with this page.

# ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

### 17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if ap	oplicable)
☐ Amend the specification by inserting, before	the first line, the following sentence
A. 35 U.S.C. 119(e)	
NOTE: "Any nonprovisional application claiming the benefit of on applications must contain or be amended to contain in the the title a reference to each such prior provisional application and including the provisional application number (consisting § 1.78(a)(4).	e first sentence of the specification following on, identifying it as a provisional application
☐ "This application claims the benefit of U.S.	Provisional Application(s) No(s).:
APPLICATION NO(S).:	FILING DATE
/	
/	
/	

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

[4-1.1]—page 1 of 5)

Express Mail No.: EV 005 525 331 US

# B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.5 claiming the benefit of one or more prior filed copending nonpror applications designating the United States of America must conta first sentence of the specification following the title a reference to ea it by application number (consisting of the series code and serial number and international filing date and indicating the relationsh references to other related applications may be made when appr § 1.78(a)(2).	visional applications or international in or be amended to contain in the ch such prior application, identifying number) or international application ip of the applications Cross-
continuation	
☐ divisional	
of copending application(s)	
□ application number 09 / 187,917	filed on Nov. 6, 1998'
☐ International Application	filed on
and which designate	ed the U.S."
NOTE: The proper reference to a prior filed PCT application that entered serial number and the filing date of the PCT application that design	
NOTE: (1) Where the application being transmitted adds subject matter to the filing can be as a continuation-in-part or (2) if it is desired to do can be as a continuation.	
NOTE: The deadline for entering the national phase in the U.S. for an in in the Notice of April 28, 1987 (1079 O.G. 32 to 46) as follows:	ternational application was clarified
"The Patent and Trademark Office considers the International appliance month from the priority date if the United States has been designar Preliminary Examination has been filed prior to the expiration of the and until the 32nd month from the priority date if a Demand for It which elected the United States of America has been filed prior from the priority date, provided that a copy of the international at to the Patent and Trademark Office within the 20 or 30 month printernational application has not been communicated to the Patent 20 or 30 month period respectively, the international application be States 20 or 30 months from the priority date respectively. These p as paragraph (h) of § 1.494 and paragraph (i) of § 1.495. A continuir and 120 may be filed anytime during the pendency of the international	ted and no Demand for International ne 19th month from the priority date international Preliminary Examination to the expiration of the 19th month pplication has been communicated period respectively. If a copy of the ent and Trademark Office within the promes abandoned as to the United eriods have been placed in the rules ag application under 35 U.S.C. 365(c)
The nonprovisional application designated above	
•	, claims the benefit of
APPLICATION NO(S).:	FILING DATE
	·
Where more than one reference is made above, p into one sentence.	lease combine all references

## 18. Relate Back-35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

		Country	Appln. no.	Filed on	
The	e cer	tified copy(ies) has (ha	ve)		
		been filed on	, in prior application	0 /	_, which was
		is (are) attached.			
WAF	RNINC	the International Bureau in application in the contin- application communicate a U.S. serial number unles stage is not entered. The prosecution of a continui- documents from the folde to request transfer, retrieventer and make a record of the priority documents in	e priority application that may heavy not be relied on without any nuing application. This is so be able to the International Bureau is the national stage is entered. See the national number of such copies in the Continuing of folders of international application. Notice of April 28, 1987 (1	r need to file a certified cop- because the certified cop- is placed in a folder and Such folders are disposed hay not be available if neo- vould be to physically rer- inuing application. The re- ord notations, transfer the grapplication are substant ations that have not ente	py of the priority by of the priority I is not assigned I of if the national eded later in the move the priority sources required certified copies, tial. Accordingly,
19.	Mai	intenance of Copen	idency of Prior Appli	cation	
NOT	re	he PTO finds it useful if a co esponse is filed with the pa ovember 5, 1985 (1060 0.G.	opy of the petition filed in the pers constituting the filing of 27).	prior application extend the continuation applica	ing the term for ation. Notice of
A.		Extension of time in p	orior application		
	(This		eted and the papers filed set in the prior applicati		cation,
		A petition, fee and resuntil	sponse extends the term	in the pending prio	r application
		☐ A copy of the pe	tition filed in prior applic	cation is attached.	
B.		Conditional Petition for	or Extension of Time in F	Prior Application	
		(complete this	item, if previous item n	ot applicable)	
		A conditional petition application.	for extension of time is	being filed in the p	ending prior
		☐ A copy of the co	nditional petition filed in t	the prior application	is attached.
		•			

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
[4-1.1]—page 3 of 5)

# 20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a)	This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are		
		the same.	
		less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:	
		(type name(s) of inventor(s) to be deleted)	
(b)	a n	This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are	
		the same.	
		the following additional inventor(s) have been added:	
		(type name(s) of inventor(s) to be added)	
(c)	The	inventorship for all the claims in this application are	
e		the same.	
		not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made	
		is submitted.	
		will be submitted.	

21. Abandonment of Prior Application (if applicable)
Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.
NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in part application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.
22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment
WARNING: "The claims of a new application may be finally rejected in the first Office action in those situation where (1) the new application is a continuing application of, or a substitute for, an earlier application and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b)
NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered it may be desirable to file a petition for suspension of prosecution for the time necessary.
(check the next item, if applicable)
☐ There is provided herewith a Petition To Suspend Prosecution for the Tim Necessary to File An Amendment (New Application Filed Concurrently)
23. Small Entity (37 CFR § 1.28(a))
Applicant has established small entity status by the filing of a statement in parer application / on
A copy of the statement previously filed is included.  WARNING: See 37 CFR § 1.28(a).
24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING
☐ A notification of the filing of this (check one of the following)
continuation
☐ continuation-in-part
☐ divisional
is being filed in the parent application, from which this application claims priority under 3 U.S.C. $\S$ 120.

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed [4-1.1]—page 5 of 5)